

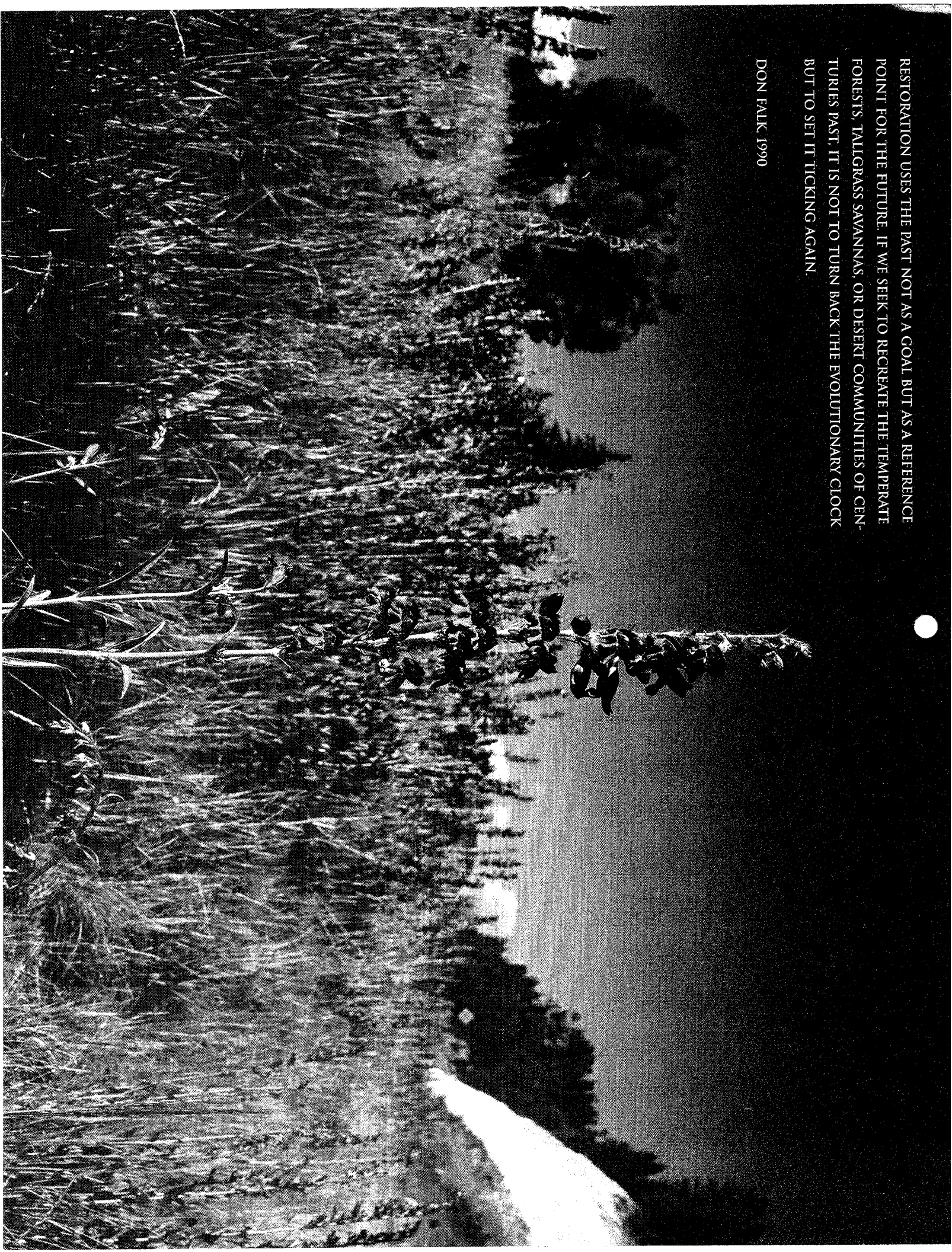
THINK GLOBALLY, BUT ACT LOCALLY. RENE DUBOS, 1981

2003  
PLANNER



RESTORATION USES THE PAST NOT AS A GOAL BUT AS A REFERENCE  
POINT FOR THE FUTURE. IF WE SEEK TO RECREATE THE TEMPERATE  
FORESTS, TALLGRASS SAVANNAS, OR DESERT COMMUNITIES OF CEN-  
TURIES PAST, IT IS NOT TO TURN BACK THE EVOLUTIONARY CLOCK  
BUT TO SET IT TICKING AGAIN.

DON FALK, 1990





# EARTH DAY 2003

Thirty-three years since the first Earth Day...how far have we come? This planner highlights the conservation efforts of State Departments of

Transportation. Over the past 33 years they have responded to the Clean Water Act, the Clean Air Act, the National Environmental Policy Act and more.

The reasons for more environmentally-sensitive methods are not only regulatory, but economic, aesthetic, and safety. The benefits of these methods improve water quality, increase wildlife habitat, decrease erosion, and add new tools to roadside managers' tool boxes. Untraditional partnerships have become the norm as budgets shrink, common ground issues emerge, and agency connections are made. Since the first Earth Day of April 22, 1970, thoughtful decisions that preserve and restore the environment have become common. And so transportation has become a proactive conservation partner. May every day on your roadside planner, be one of taking care of the land. This optimism is built on what we have learned from the past.

In the 1930's.... "What is really desired, however, is attractive and useful roadsides which can be obtained by preserving or creating a natural or an

approach to natural conditions in keeping with the adjacent or surrounding country. And the significant thing about this is that to follow a natural development in outright economy in road maintenance."

J. M. Bennett, Board of County Road Commissioners in Wayne County, Michigan. 1936

When this sentiment was expressed, the idea of roadsides being our nation's front yards was the rule of the day. The landscaping and high maintenance reflected a front yard look until the traveling public grew to expect it.

In the 50's...Perhaps underscoring the success and influence of agriculture during this period, roadsides were maintained using modified agricultural equipment and agricultural chemicals used in fields on the other side of the right-of-way fence. The high level of maintenance continued and highway users demanded it.

In the 70's...Due to Ladybird Johnson's hard work and the passage of the 1965 Beautification Act, more landscaping and attention to natural beauty became national policy. However during later energy crises, highway departments could not afford the

fuel necessary for high maintenance landscaping. This was a turning point towards more ecological solutions in roadside care. The public didn't understand and objected.

In the 90's....Due to the continued work of Ladybird Johnson, and an increased awareness of the public, the use and protection of native plants supported the ecological approach in landscaping and maintenance work. The public now lobbied on behalf of roadside conservation. The use of native plants became even more important when we learned about the threat of invasive species or weeds to our natural heritage. Protecting what remnants exist as well as restoring native vegetation was encouraged on roadsides everywhere. And the public was supportive.

In the 21st century, we the traveling public and roadside managers have come some distance since the first roads were built and our Nation's first Earth Day was held. Working with nature on rights-of-way is becoming better understood. We hope our grandchildren will see the results on many Earth Days to come. Thank you for your support on this conservation mission.

OUR DEMANDS UPON THE EARTH ARE DETERMINED BY OUR WAYS  
OF LIVING WITH ONE ANOTHER. OUR REGARD FOR ONE ANOTHER  
IS BROUGHT TO LIGHT IN OUR WAYS OF USING THE EARTH.

WENDALL BERRY





# APRIL 2003



EVERY DAY IS EARTH DAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																				
<p>With instructions to bring your shovel, boots and gloves, hundreds of students, residents, and business people, along with Doug McDonald, the Washington Secretary of Transportation, safely planted over 15,000 trees and shrubs along I-5. Taxpayer savings of some \$285,000 were possible because of these volunteers. Public involvement was invaluable.</p>																																																																																										
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27	28	29	30		<div> <div>MARCH 2003</div> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td><sup>23</sup>90</td><td><sup>24</sup>31</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> </table> </div> <div> <div>MAY 2003</div> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td>1</td><td>2</td><td>3</td><td></td><td></td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr> </table> </div>	S	M	T	W	T	F	S			1					2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	<sup>23</sup> 90	<sup>24</sup> 31	25	26	27	28	29	S	M	T	W	T	F	S			1	2	3			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
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A black and white photograph of a landscape. In the foreground, there are dense, dark, leafy branches and trees, some of which are out of focus. In the middle ground, a body of water reflects the sky. On the right side of the water, there is a long, low building with a dark roof, possibly a house or a small industrial structure. The background shows more trees and a hazy sky. The overall composition is vertical, with the text on the left side.

HOW SHORT A LIFETIME IS TO COMPLETE THE STUDY  
OF THE CHARACTER AND THE BEAUTY OF THE PLANTS  
USED IN THE COMPOSITION OF LANDSCAPES.

JENS JENSEN, 1939

# MAY 2003



EVERY DAY IS EARTH DAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Preserving Missouri's remaining native vegetation and reintroducing plants native to natural communities along rights-of-way provide measurable financial and ecological benefits. The aesthetic benefits are immeasurable, but no less important. Traveling down the road in Missouri, you can appreciate the natural patchwork of Missouri that existed some 200 years ago.						
		APRIL 2003 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	JUNE 2003 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
MEMORIAL DAY						





I TOLD OF ITS TREMBLING  
TO THE SOIL, OF ITS  
PIONEER COURAGE, AND  
ITS WILL TO SURVIVE  
AND GIVE OF ITS BEAU-  
TY TO ITS SURROUND-  
INGS, THAT WHICH FITS,  
ENDURES AND  
RECORDS, NOT ONE  
LIFETIME, BUT MANY  
GENERATIONS.

JENS JENSEN, 1839

# JUNE 2003



U.S. Department of Transportation  
Federal Highway Administration

EVERY DAY IS EARTH DAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

In the winter of 1996/7, heavy snowfall accumulation, followed by ice and rain sent mudslides into Banks, Idaho. After an emergency fund was established, clean up took place, followed by a restoration of the eroded slopes. The primary tool used was *Philadelphus lewisii*, a native shrub of Idaho listed as their State flower.

FIRST DAY OF SUMMER



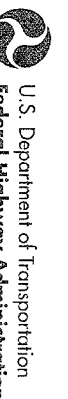
THROUGH THE TOOLS PLACED HERE IN OUR  
HANDS, WE COME TO KNOW THIS PLACE BET-  
TER, TO INHABIT IT MORE WISELY TO RESTORE  
SOME OF WHAT WE HAVE BROKEN, AND SO  
BEGIN TO FIND OUR REFUGE IN CHANGE.

CURT MEINE, 2000





# JULY 2003

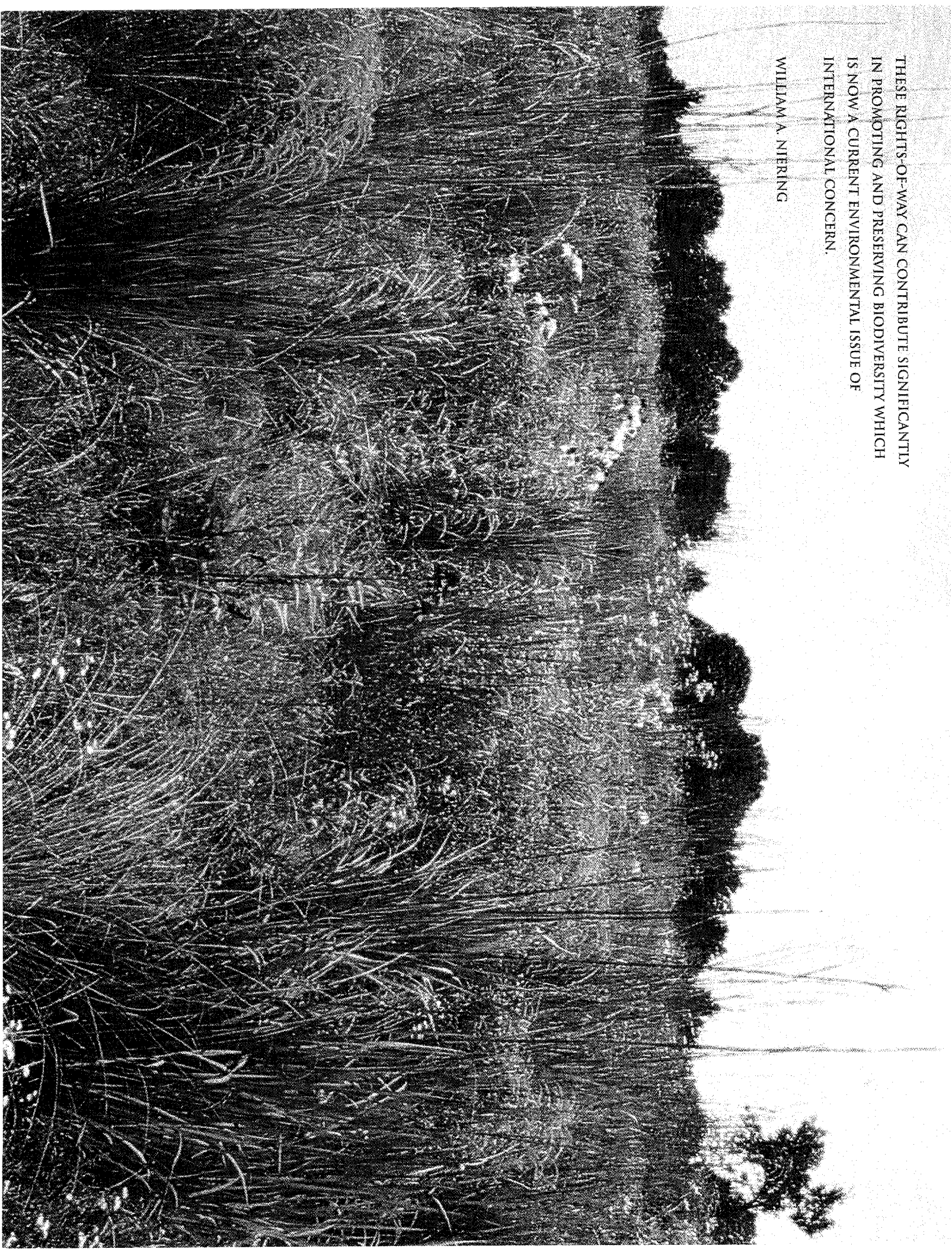


EVERY DAY IS EARTH DAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<div>Indiana partnered with their Department of Natural Resources to identify remnant populations of native wildflowers including forbs and grasses along highway corridors. This photo shows a close-up of Little Bluestem which stands out in the Indiana autumn landscape with its warm, plum color, noticeable at any speed.</div>						
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	<div><div>JUNE 2003</div><div><div>S</div><div>M</div><div>T</div><div>W</div><div>T</div><div>F</div><div>S</div></div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>12</div><div>13</div><div>14</div><div>15</div><div>16</div><div>17</div><div>18</div><div>19</div><div>20</div><div>21</div><div>22</div><div>23</div><div>24</div><div>25</div><div>26</div><div>27</div><div>28</div><div>29</div><div>30</div></div></div> <div><div>AUGUST 2003</div><div><div>S</div><div>M</div><div>T</div><div>W</div><div>T</div><div>F</div><div>S</div></div><div><div></div><div></div><div></div><div></div><div></div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>12</div><div>13</div><div>14</div><div>15</div><div>16</div><div>17</div><div>18</div><div>19</div><div>20</div><div>21</div><div>22</div><div>23</div><div>24</div><div>25</div><div>26</div><div>27</div><div>28</div><div>29</div><div>30</div></div></div>	

THESE RIGHTS-OF-WAY CAN CONTRIBUTE SIGNIFICANTLY  
IN PROMOTING AND PRESERVING BIODIVERSITY WHICH  
IS NOW A CURRENT ENVIRONMENTAL ISSUE OF  
INTERNATIONAL CONCERN.

WILLIAM A. NIERING



# AUGUST 2003



U.S. Department of Transportation  
Federal Highway Administration

EVERY DAY IS EARTH DAY

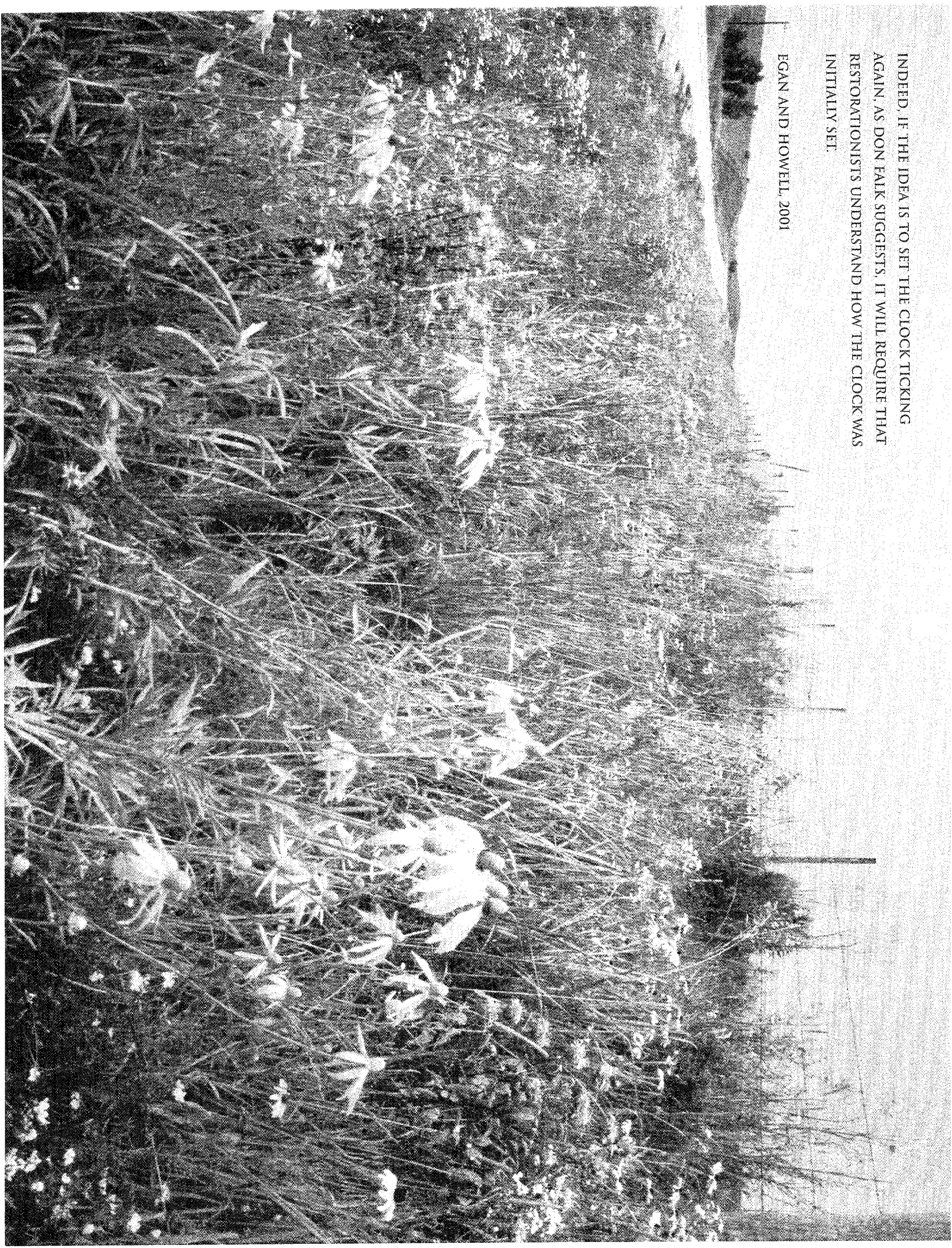
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>July 2003</p> <p>S M T W T F S</p> <p>1 2 3 4 5</p> <p>6 7 8 9 10 11 12</p> <p>13 14 15 16 17 18 19</p> <p>20 21 22 23 24 25 26</p> <p>27 28 29 30 31</p>	<p>SEPTEMBER 2003</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30</p>					
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24	25	26	27	28	29	30
31						

Part of the reintroduction of prairies occur on I-70 and I-75 in Montgomery County, Ohio. Splashes of cone-flowers accent a blanket of native grasses, capturing the essence of past tallgrass prairie once found in Ohio. The prairie was destroyed by settlement and development long ago. Like many States with a fraction of original vegetation remaining, Ohio is determined to reintroduce their natural heritage. Roadside give visible support for natural heritage.



INDEED, IF THE IDEA IS TO SET THE CLOCK TICKING  
AGAIN, AS DON FALK SUGGESTS, IT WILL REQUIRE THAT  
RESTORATIONISTS UNDERSTAND HOW THE CLOCK WAS  
INITIALLY SET.

EGAN AND HOWELL, 2001



# SEPTEMBER 2003



U.S. Department of Transportation  
Federal Highway Administration

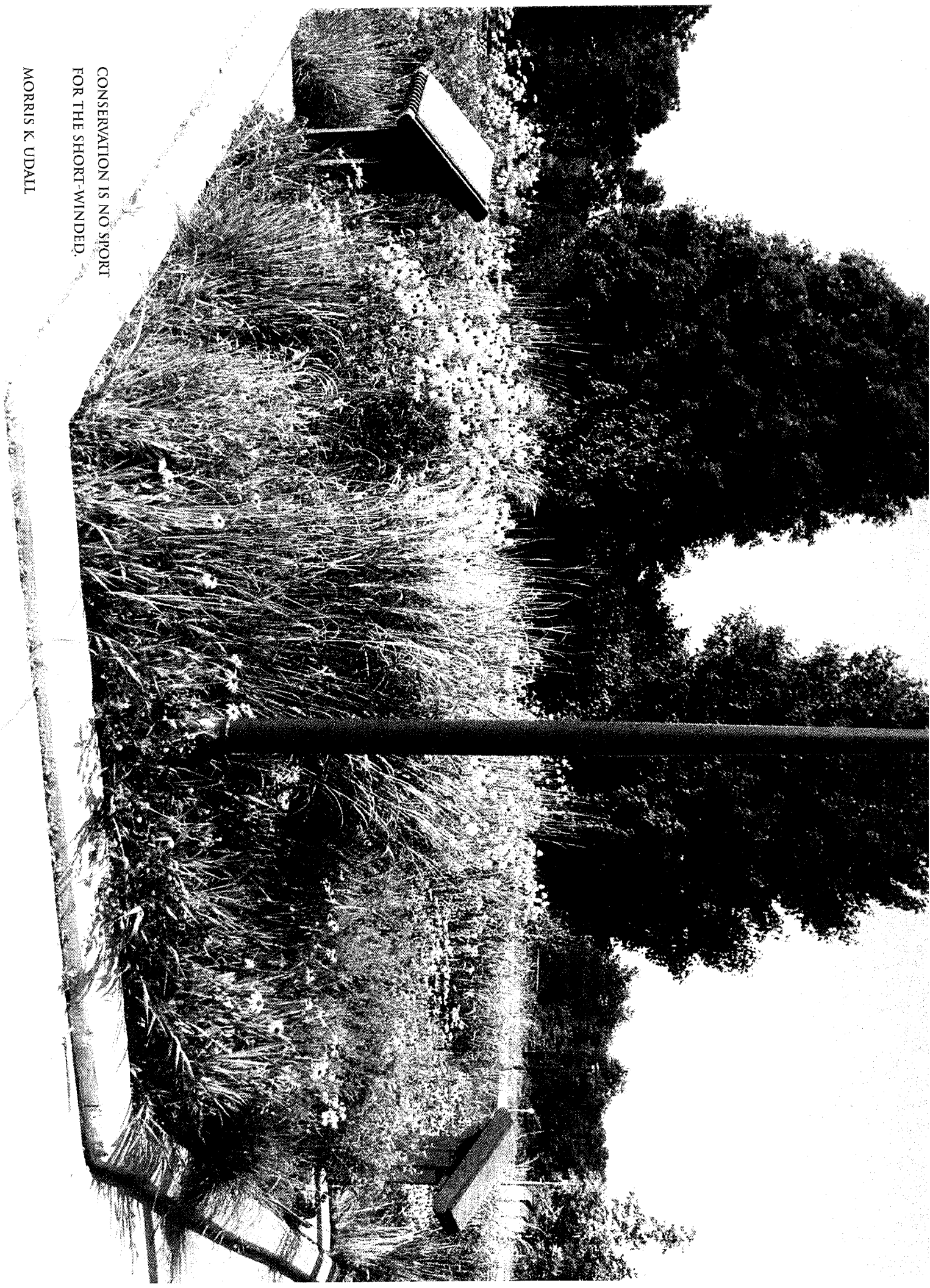
EVERY DAY IS EARTH DAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
AUGUST 2003 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 LABOR DAY	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	OCTOBER 2003 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Rural roadside vegetation management takes root in Iowa. Over fifty Counties now have integrated roadside vegetation management (IRVM) programs. Roadside weed prevention and erosion control are the primary objectives. Native prairie grasses and wildflowers are used to establish a diverse plant community best adapted to local climate. Establishing a more sustainable plant community restores Iowa's natural heritage AND requires less maintenance. Ditch cleanouts are less frequent. Wildlife habitat is enhanced. And the plantings just happen to beautify Iowa roadides.		
		FIRST DAY OF AUTUMN				



CONSERVATION IS NO SPORT  
FOR THE SHORT-WINDED.

MORRIS K. UDALL





# OCTOBER 2003



EVERY DAY IS EARTH DAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
SEPTEMBER 2003 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	This prairie demonstration is one of the first things the traveling public sees as they pull into this Wisconsin rest area. Similar plantings are found in other rest areas where the State was originally covered with tallgrass prairie prior to European settlement. Information plaques explain Wisconsin's early history and natural heritage. Some plaques include directions to nearby protected prairie remnants.					
5	6	7	8	9	10	11
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	COLUMBUS DAY OBSERVED					
19	20	21	22	23	24	25
26	27	28	29	30	31	NOVEMBER 2003 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29



TO ME, IN SUM, BEAUTIFICATION MEANS  
OUR TOTAL CONCERN FOR THE PHYSICAL  
AND HUMAN QUALITY WE PASS ON TO OUR  
CHILDREN AND THE FUTURE.

LADYBIRD JOHNSON, 1993

# NOVEMBER 2003



U.S. Department of Transportation  
Federal Highway Administration

EVERY DAY IS EARTH DAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
OCTOBER 2003	DECEMBER 2003	<p>South Carolina continues to plant natives like this Bidentis, known as bur marigold. This autumn bloomer is common to the piedmont and coastal plain. Funds generated from the sale of commemorative license plates and driver's licenses are designated by State law for highway beautification. Beautification with State native plant communities is a successful use of these funds.</p>				
S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31					
2	3	4	5	6	7	8
9	10	11	12	13	14	15
			PHOTO OPPORTUNITY DEADLINE			
16	17	18	19	20	21	22
		VETERANS DAY				
23	24	25	26	27	28	29
30				THANKSGIVING DAY		



WHEREVER I GO IN AMERICA, I LIKE IT  
WHEN THE LAND SPEAKS ITS OWN LAN-  
GUAGE IN ITS OWN REGIONAL ACCENT.

LADYBIRD JOHNSON, 1993



# DECEMBER 2003



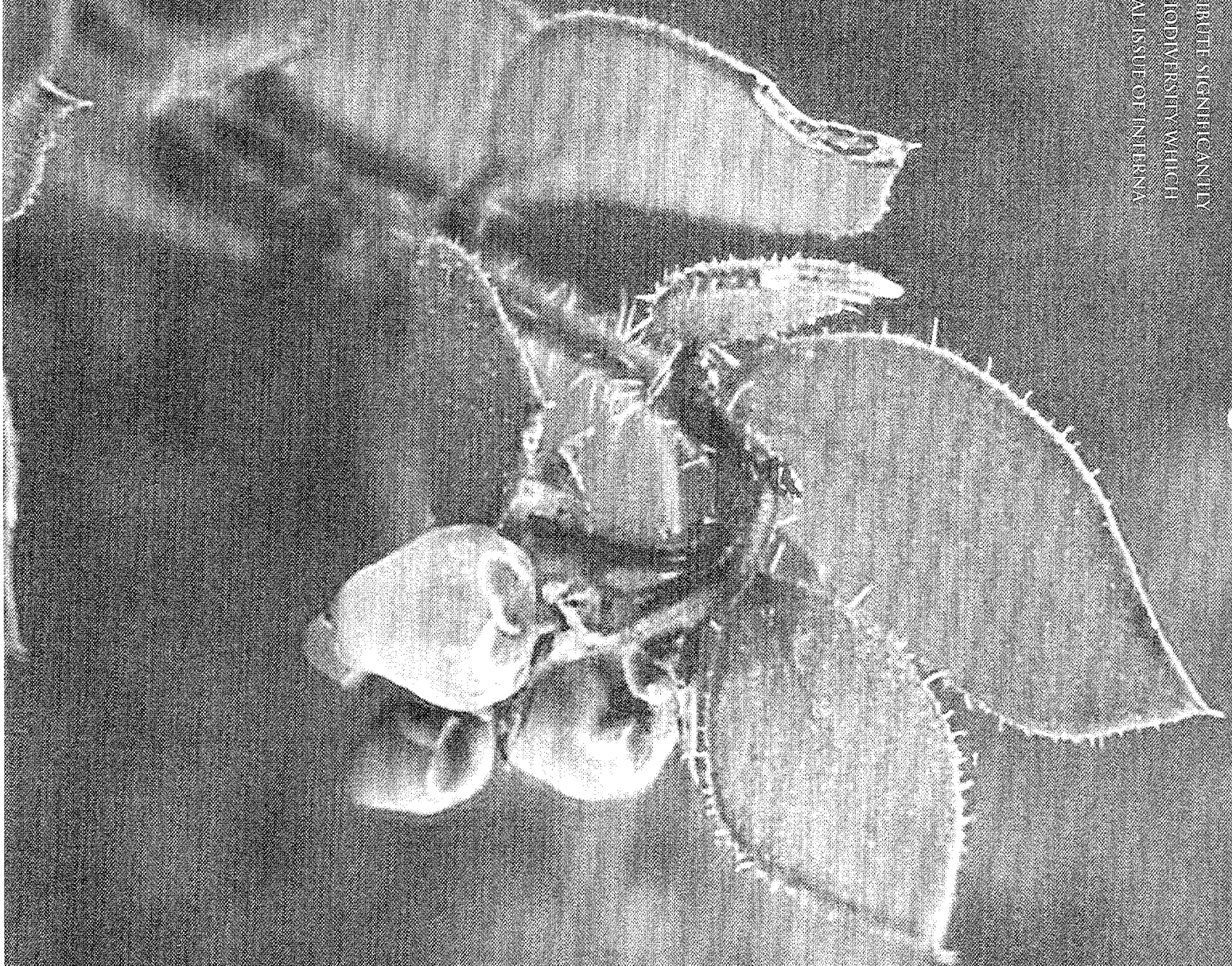
U.S. Department of Transportation  
Federal Highway Administration  
EVERY DAY IS EARTH DAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOVEMBER 2003 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	1	2	3	4	5	6
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14	15	16	17	18	19	20
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28	29	30	31	JANUARY 2004 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Colorado DOT's objective is to promote the use of native species and preserve the natural and sensitive Colorado environment. Our natural resource heritage depends on our increased awareness and understanding of plant ecology. The paintbrush is one of those native species common to most of the Plains. It tolerates rocky and gravelly soils along ridges and on slopes.	
	FIRST DAY OF WINTER			CHRISTMAS DAY		



THESE RIGHTS-OF-WAY CAN CONTRIBUTE SIGNIFICANTLY  
IN PROMOTING AND PRESERVING BIODIVERSITY WHICH  
IS NOW A CURRENT ENVIRONMENTAL ISSUE OF INTERNA-  
TIONAL CONCERN

WILLIAM A. NIERING





# JANUARY 2004



U.S. Department of Transportation  
Federal Highway Administration

EVERY DAY IS EARTH DAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																				
<p>Caltrans's Botanical Management Areas (BMA) protect remnant native plant communities. Balanced and functional, native plant communities are self-sustaining</p> <p>Each BMA has been inventoried and fitted with its own management plan. They serve as roadside laboratories where management methods can be monitored and evaluated over time...and some rare native plants can be studied.</p>		<p>DECEMBER 2003</p> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					<p>FEBRUARY 2004</p> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29							<p>NEW YEAR'S DAY</p>		
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<p>MARTIN LUTHER KING, JR.'S BIRTHDAY OBSERVED</p>																																																																																										



I OFTEN THINK THE ROADSIDE IS THE LAST REFUGE OF WILD  
FLOWERS. BECAUSE THE PLOW AND THE COW DON'T GET TO  
THEM ALONG THE RIGHT-OF-WAY.

LADY BIRD JOHNSON, 1993

# FEBRUARY 2004



U.S. Department of Transportation  
Federal Highway Administration  
EVERY DAY IS EARTH DAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																											
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<p>The protected rose verbena is just part of the success story of Missouri roadsides. Much of MoDOT's 385,000 acres are adopted by volunteers who pick up litter, plant native wildflowers and save taxpayer dollars. With a greater understanding of the roadside environment, support has grown for Missouri's native plantings and protected areas.</p>																																																																																																	





WHEN I FOUND MYSELF IN THE WHITE HOUSE, IT WAS  
NATURAL AND INEVITABLE FOR ME TO TURN TO THE  
MOVEMENT WE CALLED BEAUTIFICATION (WE NEVER  
COULD THINK OF A BETTER WORD).

LADYBIRD JOHNSON, 1993

# MARCH 2004



EVERY DAY IS EARTH DAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<div> <div>FEBRUARY 2004</div> <div> <div>S</div> <div>M</div> <div>T</div> <div>W</div> <div>T</div> <div>F</div> <div>S</div> </div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> <div>13</div> <div>14</div> <div>15</div> <div>16</div> <div>17</div> <div>18</div> <div>19</div> <div>20</div> <div>21</div> <div>22</div> <div>23</div> <div>24</div> <div>25</div> <div>26</div> <div>27</div> <div>28</div> <div>29</div> </div> </div>	1	2	3	4	5	6
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A black and white photograph of a forest. The image is dominated by tall, slender trees with dense, dark foliage. The trees are arranged in a way that creates a sense of depth, with some in the foreground and others receding into the background. The sky is bright and filled with soft, wispy clouds. The overall mood is serene and natural.

THE PRINCIPLE AND LASTING EFFECT WAS TO MAKE  
ENVIRONMENTAL CONCERNS A PERMANENT PART OF  
THE POLITICAL DIALOGUE IN THE COUNTRY.

GAYLORD NELSON APRIL 1990



# APRIL 2004

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>For more than two decades, the Minnesota's DOT has protected and managed native wildflower routes. Blazing stars, <i>Liatris pycnostachya</i>, are one of the species found in these protected sites.</p> <p>This DOT is one of six that cooperate in a partnership known as Prairie Passage which stretches from Canada to Mexico to increase understanding of natural and cultural resources of the North American prairie landscape.</p>						
		<p>MARCH 2004</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 31</p>				
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25	26	27	28	29	30	<p>MAY 2004</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30 31</p>

# INVASIVE PLANT IDENTIFICATION

## **ALANTHUS ALTISSIMA: SPRAY**

Ailanthus is also called "Tree of Heaven", "Shumac", and "Chinese Sumac". It is an aggressive and invasive tree that is native to China. It was brought to this country in the 1700's and has become a serious plant pest because it colonizes areas extremely quickly and crowds out native plants. Ailanthus trees grow rapidly and can reach a height of over 60 feet. Ailanthus spreads by seed and underground roots called rhizomes. Cutting an Ailanthus will cause it to send up numerous shoots from the stump and from the rhizomes. Herbicides must be used to control this plant.

- Edges of leaves are smooth with 1 or 2 teeth at base.
- Tree has a pale yellow fall color that does not last long.
- Strong, objectionable odor from leaves and stems.



## **SUMAC SP.: DO NOT SPRAY**

There are several species of Sumac shrub/small trees in Maryland. Sumac is often confused with the invasive Ailanthus. They are similar in appearance, but not even related. The Sumac is a desirable native plant that has ornamental value in its texture and fall color. Avoid spraying or cutting Sumac when the intended target is Ailanthus. Note the physical differences between the two:

- Sumac has large red clusters of berries in pyramidal spikes.
- Staghorn sumac has fuzzy stems; Smooth sumac has smooth stems.
- Sumac's orange-red fall color can last for weeks.
- Sumac leaves have small teeth along the edges.
- Horseshoe-shaped leaf scars are distinctive.



- Twisted papery seeds are green or pink in summer. They dry up into twisted clusters in fall. Seeds can persist over winter.
- Mature trees have smooth gray bark.
- Shield-shaped leaf scars.



For more information:

Call Ben Hall, Landscape  
Operations Division  
1-800-446-5962,  
Maryland State Highway  
Administration

# ROADSIDE VEGETATION CONTACTS

State contacts are found in environmental, landscape, erosion, and maintenance units. Listed also are environmental contacts in the State offices of the FHWA known as Divisions.

Front cover photo:  
IDAHO LUPINES

Idaho's objective is to promote the use of native species and preserve the natural and sensitive ecosystems in Idaho. The establishment of native and regionally specific species not only aids in decreasing the ability of noxious weeds invading newly disturbed construction sites, but also helps in restoring natural habitats and increasing diversity. These plants establish in disturbed soils during long periods of drought and fit Idaho's integrated vegetation management program nicely. They also add to the scenic and natural beauty along Idaho's highways.

Inside front cover: - COLORADO

CDOT is involved in an ongoing State-wide effort to focus on native grasses and wildflowers by developing seed mixes for use on its many highway construction projects. Utilizing a variety of resources, CDOT's landscape architects determine appropriate site-specific native species to be required on each project. This site-specific approach is crucial to success in Colorado where the terrain varies from Great Plains to Rocky Mountains with precipitation from 8 to 50 inches annually.

Outside back cover: - IDAHO

Our conservation must be not just the classic conservation of protection and development, but a creative conservation of restoration and innovation. Lyndon Baines Johnson, 1965

**AL** - Keith Sowell  
334-242-6169  
John Lorentson  
334-242-6272  
Div. Bill Van Luchene  
334-223-7379

**AK** - Diane Regan  
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Jeffery Olesen  
907-465-6971  
Div. Tim Haugh  
907-586-7430

**AZ** - Leroy Brady  
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Bruce Eilers  
508-712-7398  
Div. Steve Thomas  
602-379-3915

**AR** - Phillip Moore  
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Charles Flowers  
501-569-2624  
Div. Randal Looney  
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Jack Broadbent  
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Edrie Vinson  
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Delois Barnes  
860-594-3307  
Div. Robert W. Turner  
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Div. Bob Kleinburd  
302-734-2966

**District** - Mark Buscainoil,  
Bill Beck  
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Div. Michael Hicks  
202-219-3536

**FL** - Jeff Caster  
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Tim Allen  
850-488-4562  
Div. Rick Cushing  
850-942-9650

**GA** - Ray Dorsey  
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Abbe Hecter  
404-635-8194  
Div. Jennifer Kittle  
404-562-3653

**HI** - Richard Dapololu  
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George Tonaki  
808-587-2189  
Div. Laura Kong  
808-541-2700

**ID** - Cathy Ford  
208-334-8416  
Div. vacant  
208-334-9180

**IL** - Rick Nowak  
217-782-2943  
Div. J. D. Stevenson  
217-492-4638

**IN** - Rick Phillabaum  
317-233-5151  
Dave Lamb  
317-232-5509  
Div. Joyce Newland  
317-226-7492

**IA** - Mark Masteller  
515-239-1424  
Steve Holland  
515-239-1768  
Div. Janice Thompson  
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**KS** - Fred Markham  
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Richard Ross  
785-296-0853  
Div. Patrick Arno  
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**KT** - Michael Clarke  
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David Cornett  
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Bill Green,  
502-564-3280  
Div. Brent Sweger  
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Div. Robert Mahoney  
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Sylvia Michaud  
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Charlie Adams  
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Div. Dan Johnson  
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**MI** - Bob Zelski  
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Mark Pearson  
517-335-1909  
Div. Abdelmaez Abdalla  
517-702-1820

**MN** - Bob Jacobson  
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Scott Bradley  
651-284-3758  
Div. Cheryl Martin  
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**MS** - Robert Moseley  
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Jim Vinson  
601-359-1411  
Div. Cecil Vick  
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Rand Swanson  
573-751-2855  
Div. Peggy Casey  
573-636-7104

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Dan Williams  
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Div. Carl James  
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Div. Michael Dawson  
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Laurie Stillings Effinger  
Div. Shannan Dumolt  
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**OR** - Will Lackey  
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Jim Riggs  
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Div. Jeannie Simms  
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Kevin Powell  
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03-716-213

**RESOURCE CENTERS:**  
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**Eastern**  
Jerry Barkdoll  
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**Southern**  
Alex Levy  
404-562-392





U.S. Department of Transportation  
**Federal Highway Administration**

**Roadside Vegetation Management:** What was once the FHWA Wildflower Program has evolved to a holistic roadside program. We cannot preserve or plant native wildflowers/grasses without considering other issues like design, erosion control, landscaping, environmental services, or maintenance practices. They are all tied together and must work together.

If it is green and growing on highway rights-of-way, we are interested as a technical resource. Because invasive plants do not respect political boundaries and threaten biodiversity, we are also interested in partnerships with our neighbors. Roadside rights-of-way account for more than 10 million acres of land in the United States. This land requires care that assures water quality, improves erosion control, protects wildlife habitat, reduces mowing and spraying, enhances natural beauty, controls noxious weeds, and protects our natural heritage..... all objectives of integrated vegetation management.

The FHWA Roadside Vegetation Management Program serves as a resource for the care of this land. For further information contact:

Bonnie L. Harper-Lore, Vegetation Specialist  
Federal Highway Administration  
400 Seventh Street SW, HEPN-30  
Washington D.C. 20590

email: [bonnie.harper-lore@fhwa.dot.gov](mailto:bonnie.harper-lore@fhwa.dot.gov)  
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